

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112270.D
 Acq On : 28 Jan 2019 13:13
 Operator : JU/SJ
 Sample : PB116645BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BL

Quant Time: Jan 28 13:45:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	227111	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	881681	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	458463	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	924079	20.00	ng	0.00
76) Chrysene-d12	14.00	240	769597	20.00	ng	0.00
87) Perylene-d12	15.47	264	603505	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1471881	137.66	ng	0.00
7) Phenol-d6	6.49	99	1860612	125.23	ng	0.00
23) Nitrobenzene-d5	7.40	82	1198279	78.31	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	659222	123.53	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2477441	76.43	ng	0.00
79) Terphenyl-d14	12.95	244	2811265	68.80	ng	0.00

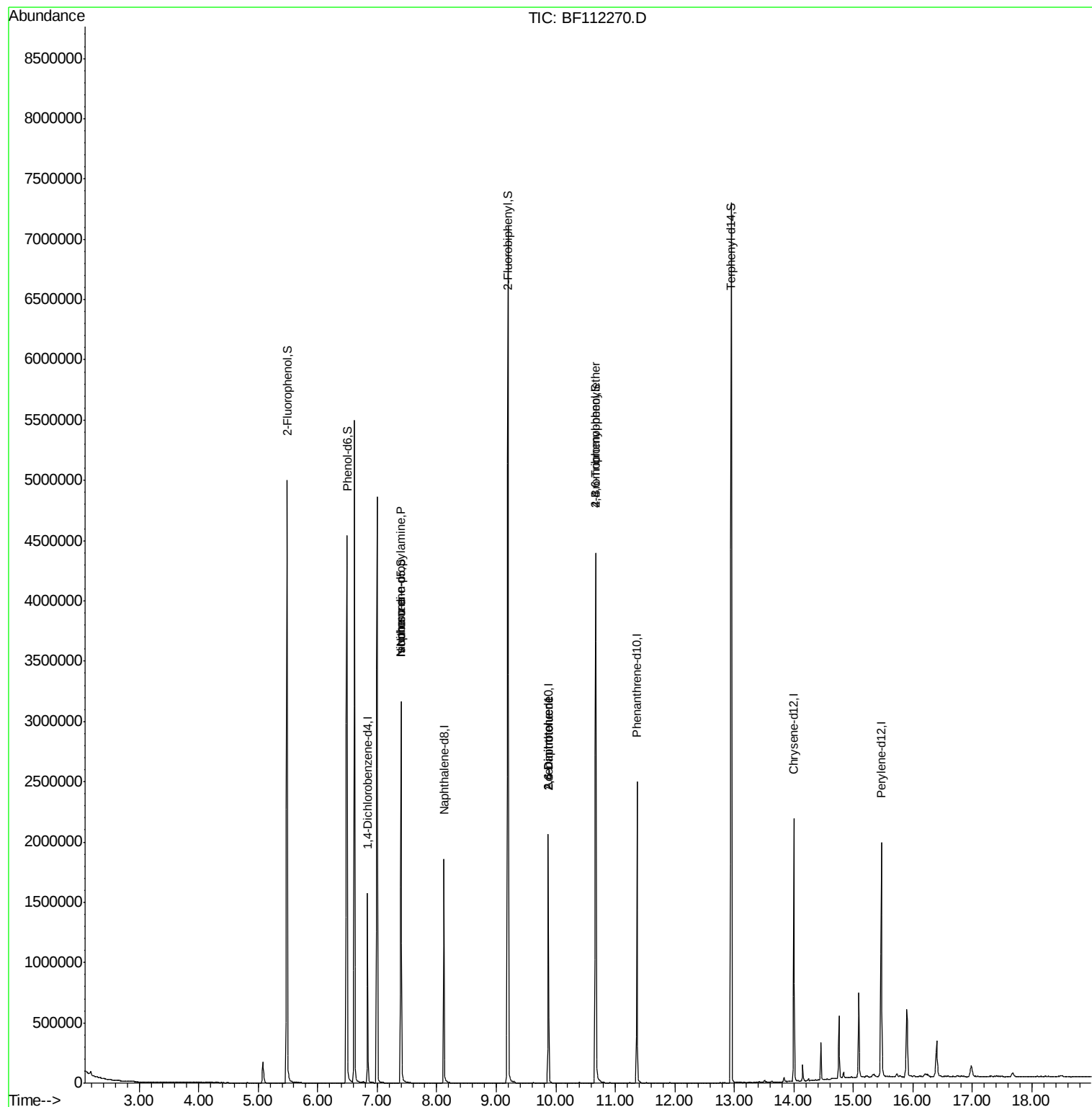
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	164751	16.081	ng	# 75
25) Isophorone	7.40	82	1182434	49.258	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	59625	7.474	ng	# 33
57) 2,4-Dinitrotoluene	9.87	165	59626	5.871	ng	# 31
67) 4-Bromophenyl-phenylether	10.67	248	40758	3.750	ng	# 1

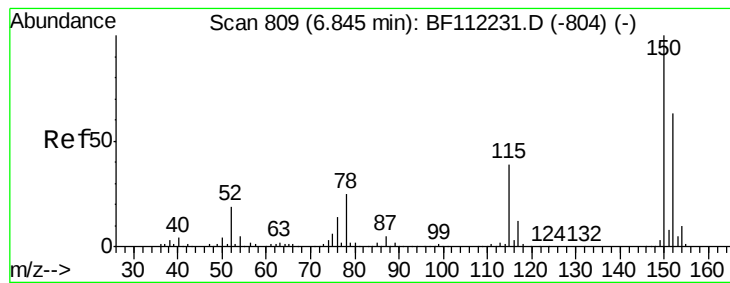
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

Instrument :

BNA_F

ClientSampleId :

PB116645BL

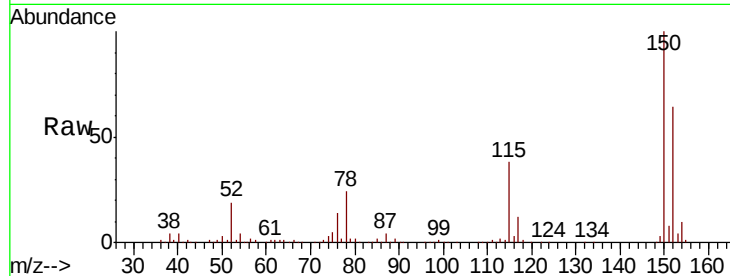
Tot Ion:152 Resp: 227111

Ion Ratio Lower Upper

152 100

150 156.8 127.4 191.0

115 59.2 45.5 68.3

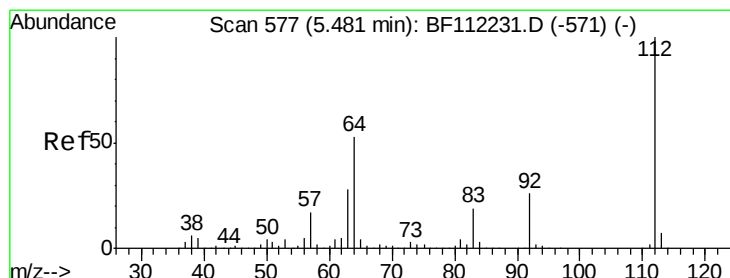
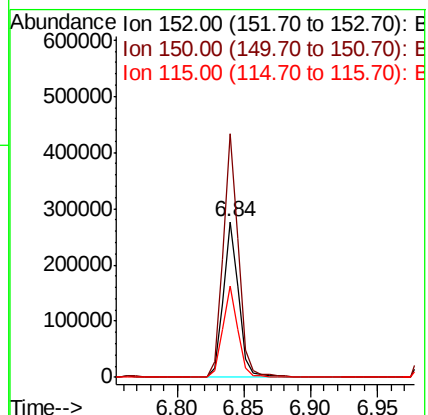
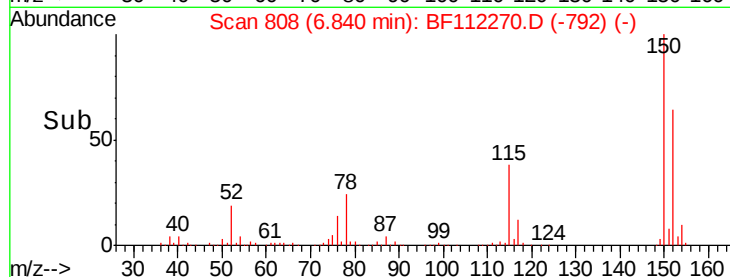


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 137.658 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

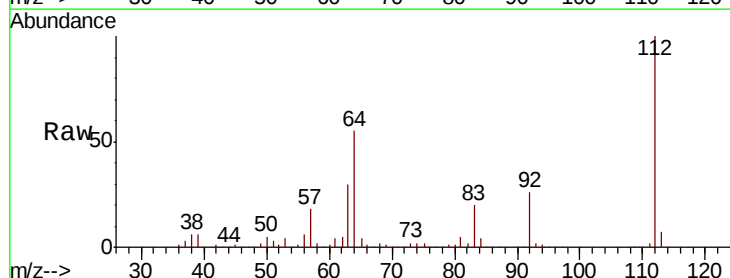
Tgt Ion:112 Resp: 1471881

Ion Ratio Lower Upper

112 100

64 55.3 45.7 68.5

63 29.9 23.6 35.4

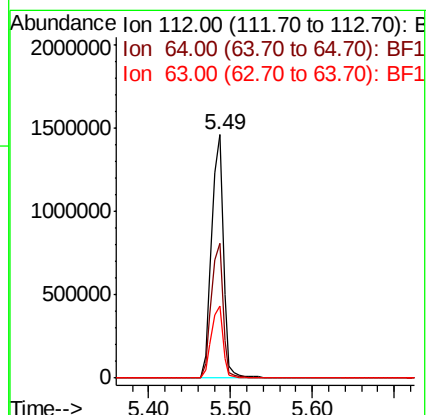
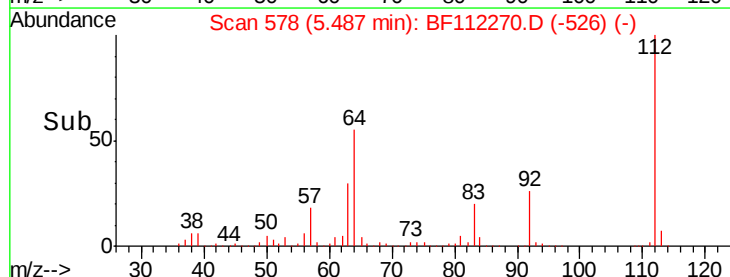


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 125.231 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

Instrument :

BNA_F

ClientSampleId :

PB116645BL

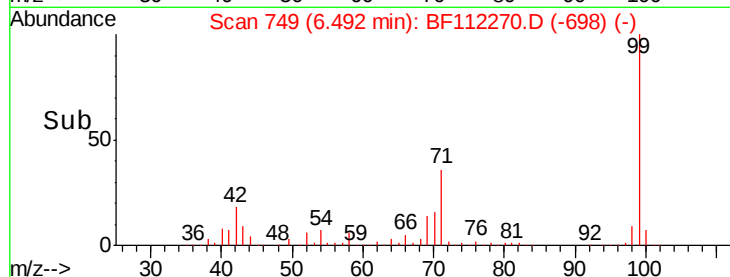
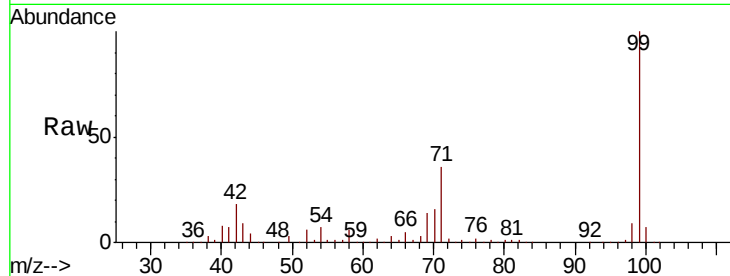
Tot Ion: 99 Resp: 1860612

Ion Ratio Lower Upper

99 100

42 18.2 15.1 22.7

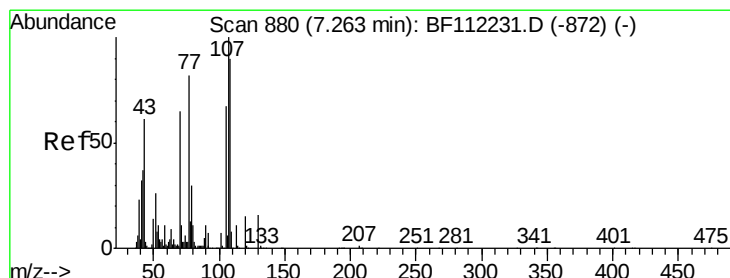
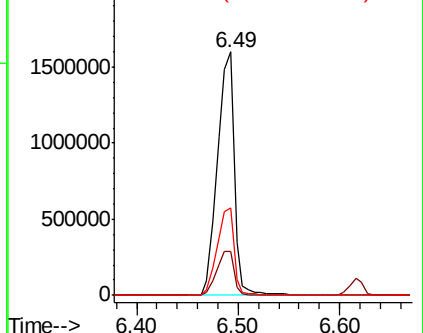
71 36.1 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.081 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

Tgt Ion: 70 Resp: 164751

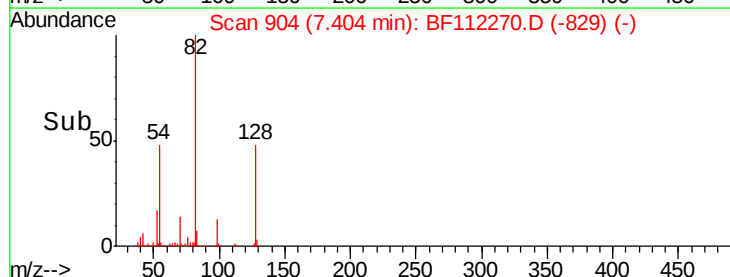
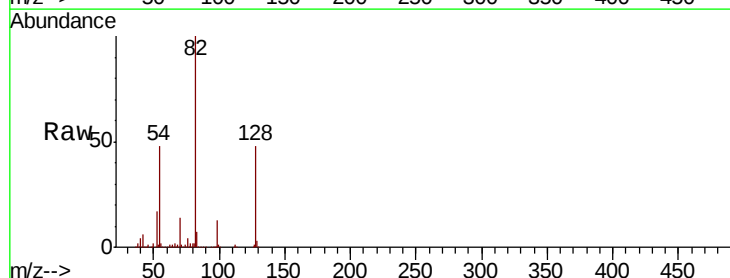
Ion Ratio Lower Upper

70 100

42 46.5 47.6 71.4#

101 0.0 7.9 11.9#

130 2.3 18.4 27.6#

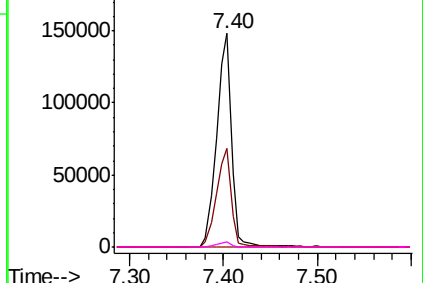


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

Instrument :

BNA_F

ClientSampleId :

PB116645BL

Tot Ion:136 Resp: 881681

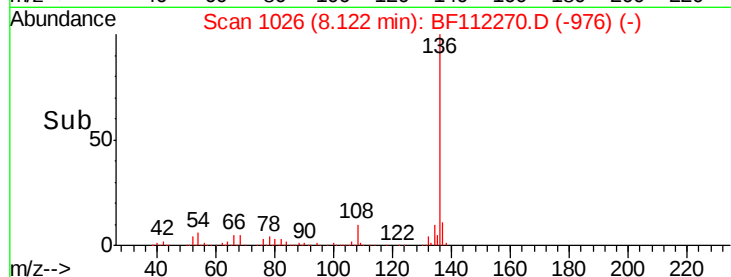
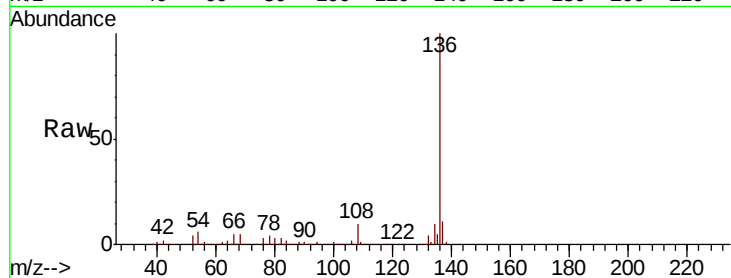
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 6.4 5.9 8.9

68 5.0 5.1 7.7#

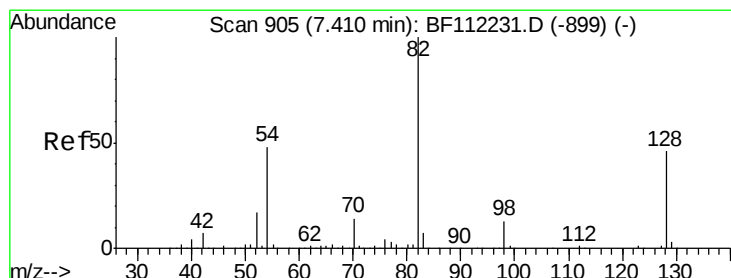
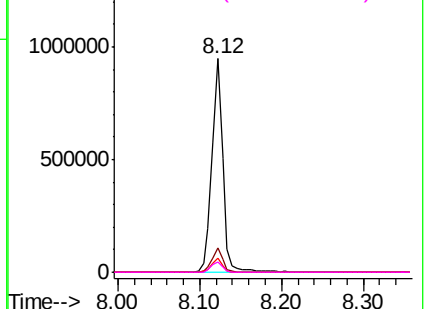


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 78.310 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

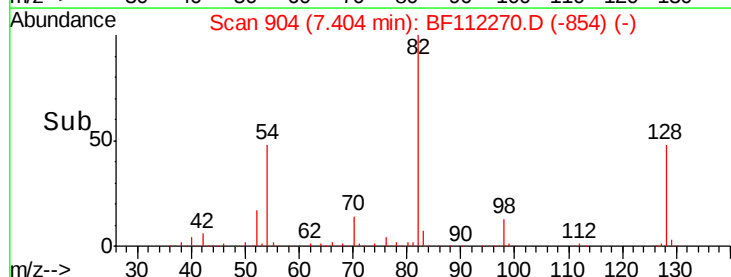
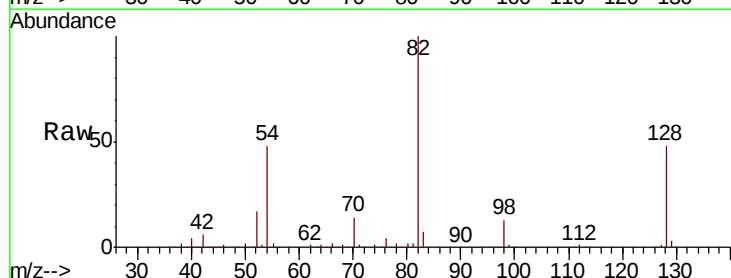
Tgt Ion: 82 Resp: 1198279

Ion Ratio Lower Upper

82 100

128 48.3 37.8 56.8

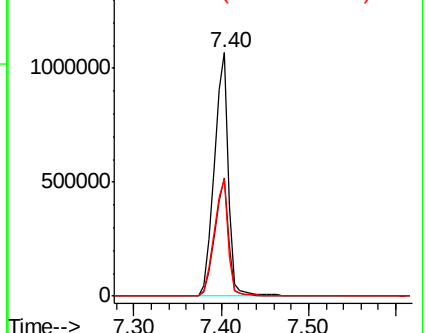
54 48.0 39.7 59.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.258 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.26 min

Lab File: BF112270.D

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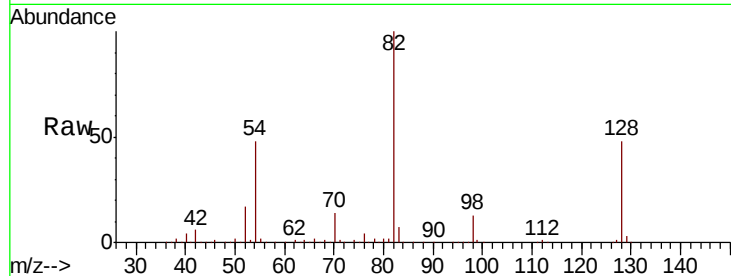
Tot Ion: 82 Resp: 1182434

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

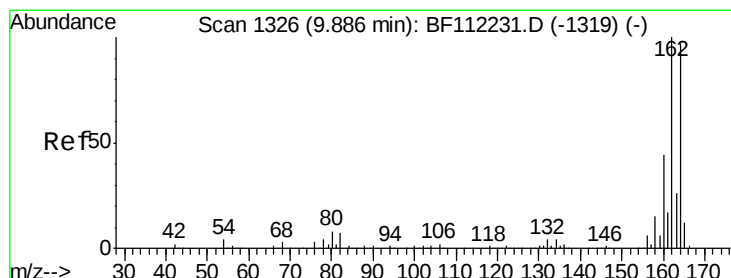
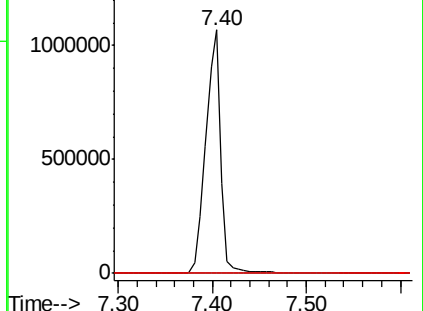
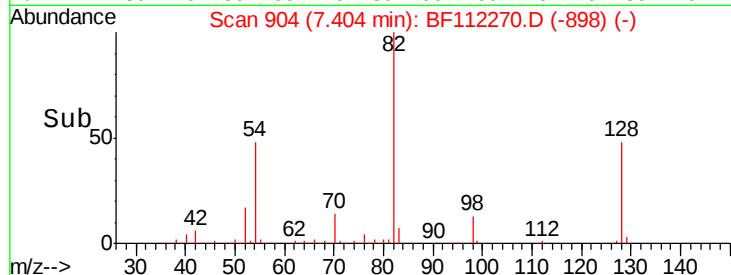
138 0.0 15.4 23.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

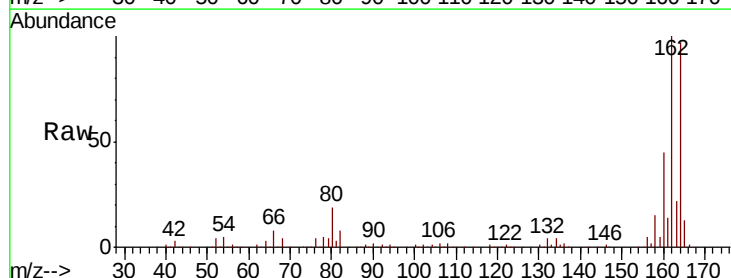
Tgt Ion:164 Resp: 458463

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.4

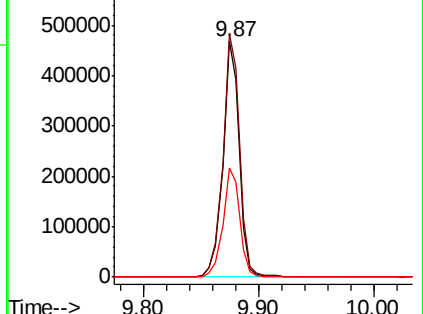
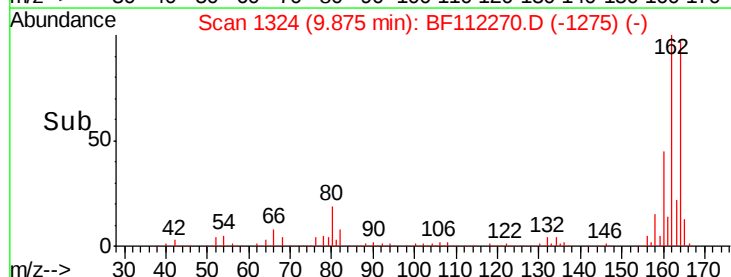
160 46.4 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

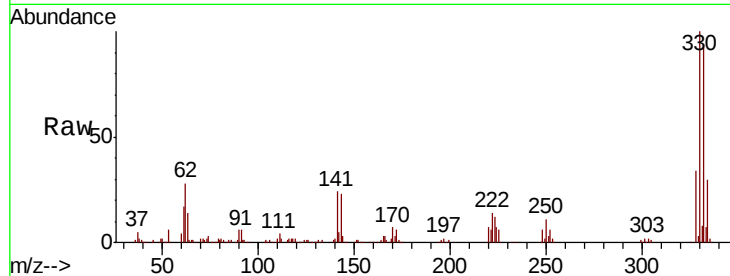




#42
 2,4,6-Tribromophenol
 Concen: 123.534 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF112270.D
 Acq: 28 Jan 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	114.8
141	32.1	24.3	36.5

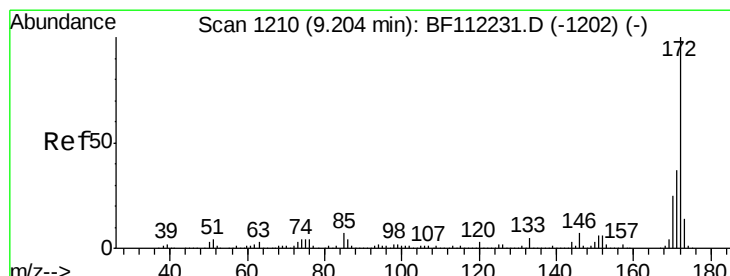
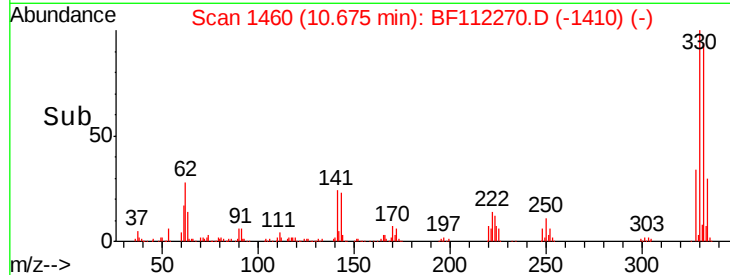
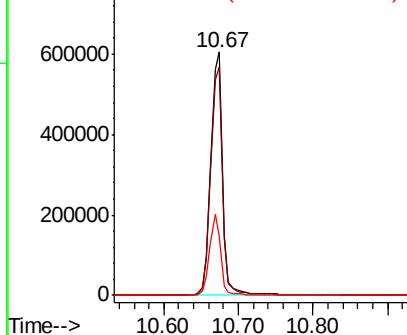


Abundance

Ion 329.80 (329.50 to 330.50): E

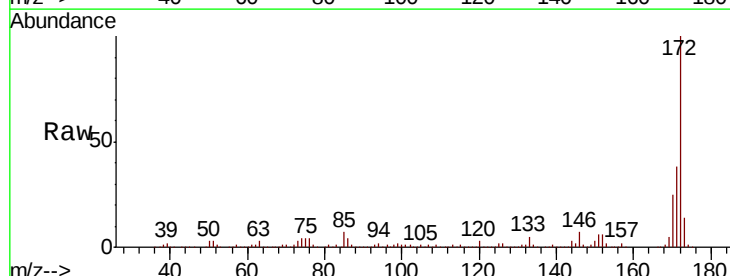
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.428 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112270.D
 Acq: 28 Jan 2019 13:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	24.7	20.2	30.4

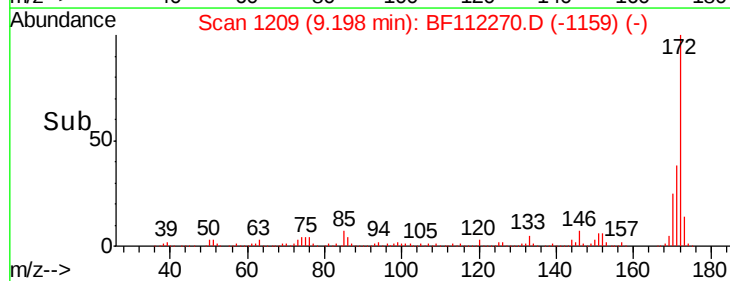
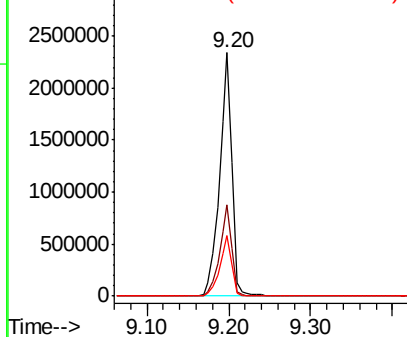


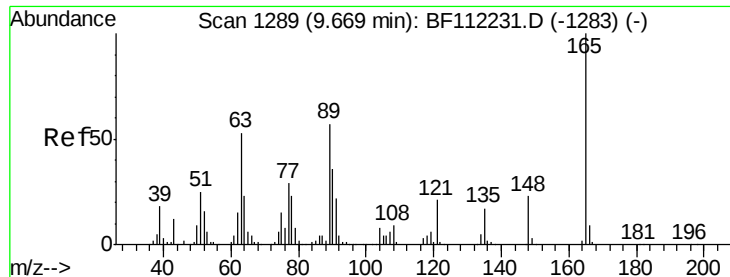
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.474 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.21 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

Instrument :

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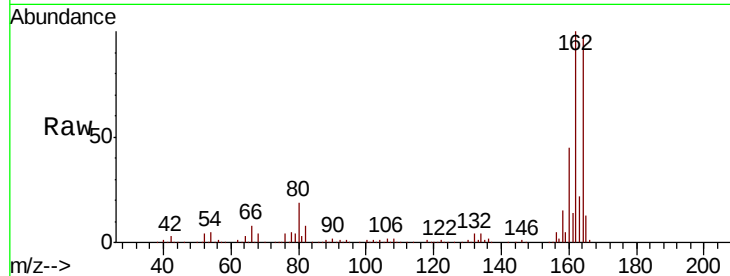
Tot Ion:165 Resp: 59625

Ion Ratio Lower Upper

165 100

63 1.2 33.8 50.8#

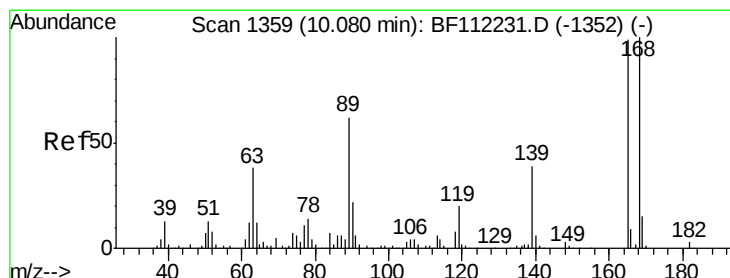
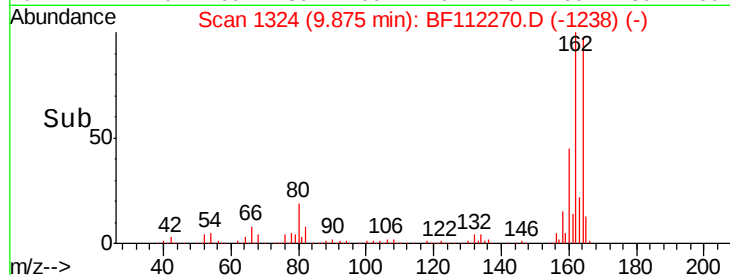
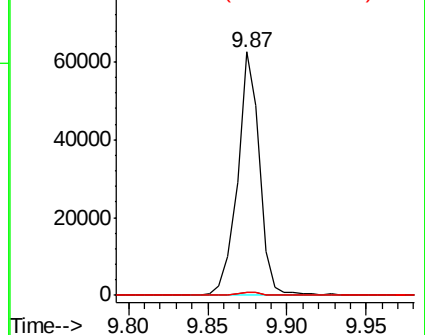
89 1.0 36.9 55.3#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 5.871 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.21 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

Tgt Ion:165 Resp: 59626

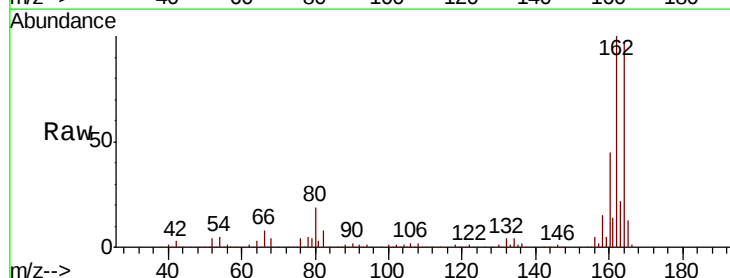
Ion Ratio Lower Upper

165 100

63 1.2 27.9 41.9#

89 1.0 47.9 71.9#

182 0.0 2.2 3.4#

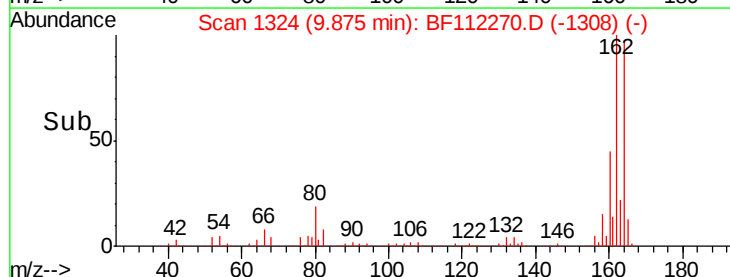
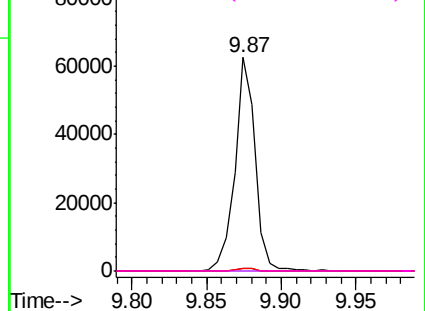


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

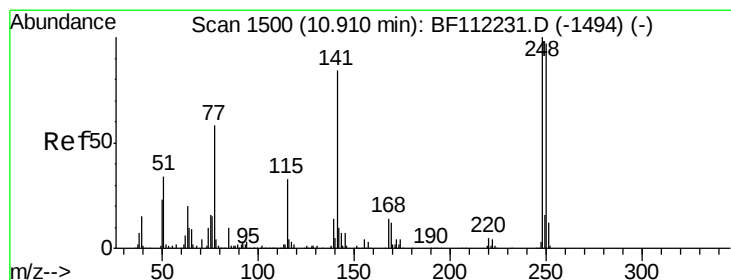
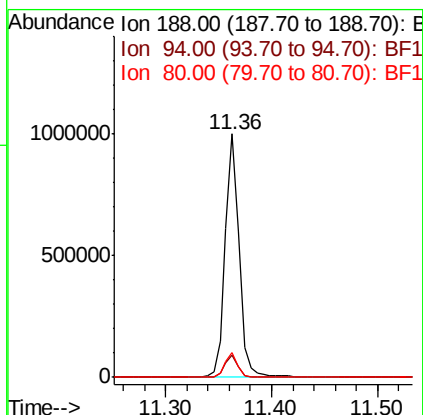
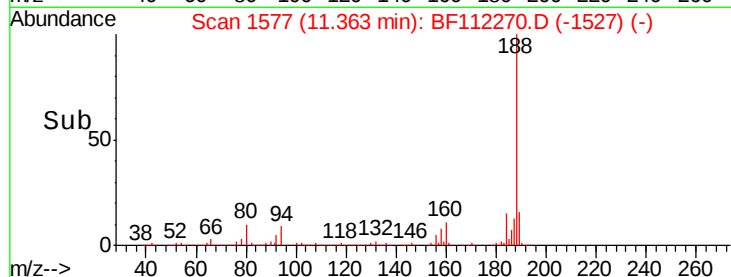
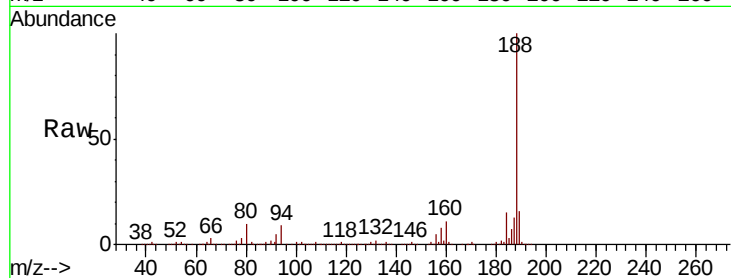




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112270.D
Acq: 28 Jan 2019 13:13

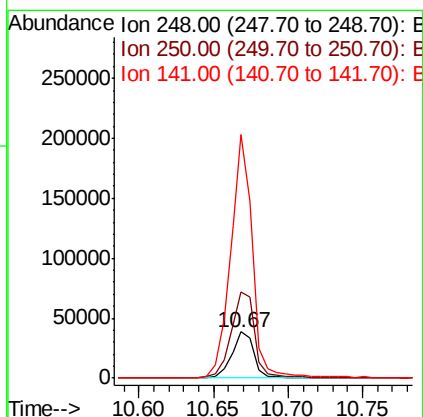
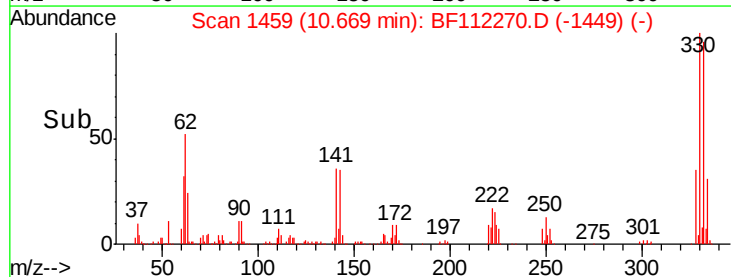
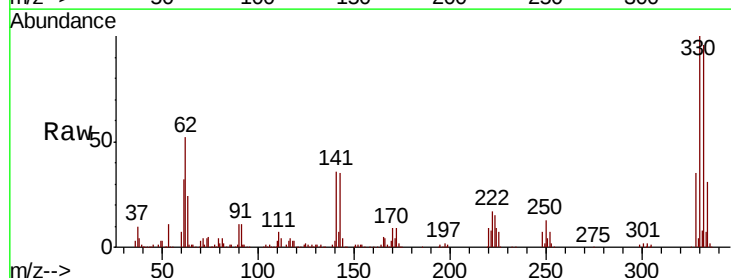
Instrument :
BNA_F
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PB116645BL

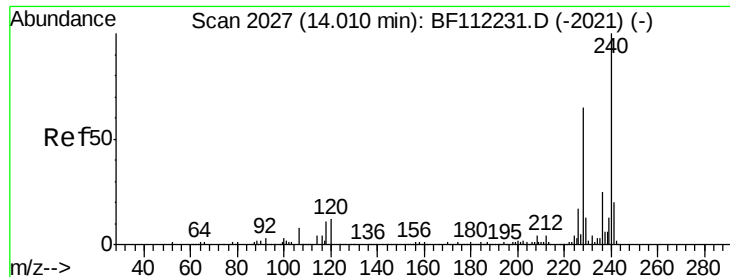
Tot Ion:188 Resp: 924079
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 10.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.750 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.24 min
Lab File: BF112270.D
Acq: 28 Jan 2019 13:13

Tgt Ion:248 Resp: 40758
Ion Ratio Lower Upper
248 100
250 186.7 79.7 119.5#
141 525.0 60.3 90.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

Instrument :

BNA_F

ClientSampleId :

PB116645BL

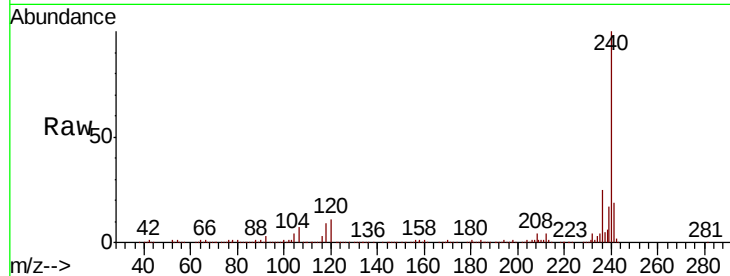
Tot Ion:240 Resp: 769597

Ion Ratio Lower Upper

240 100

120 10.5 9.0 13.6

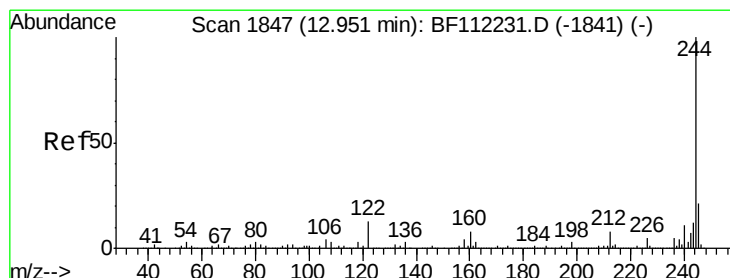
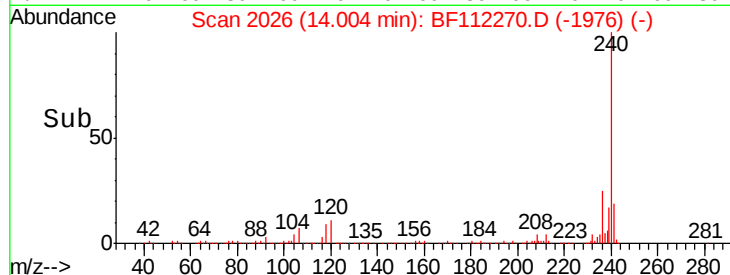
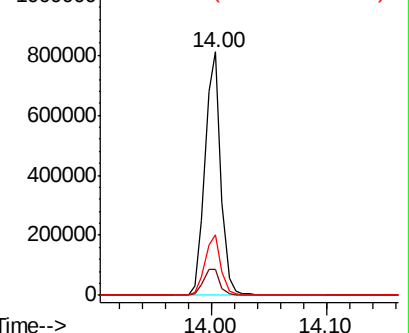
236 25.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 68.800 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112270.D

Acq: 28 Jan 2019 13:13

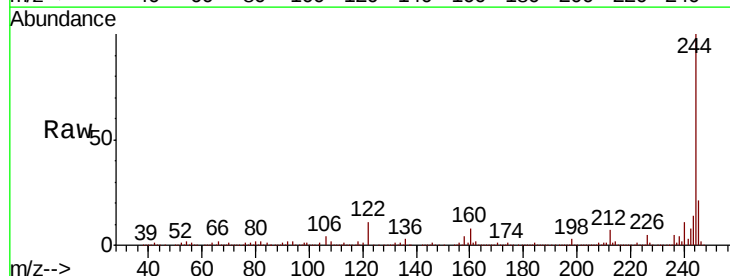
Tgt Ion:244 Resp: 2811265

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

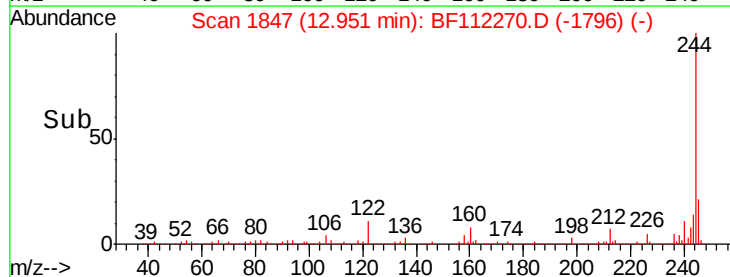
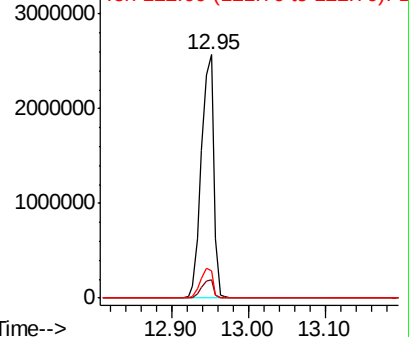
122 11.1 9.8 14.6

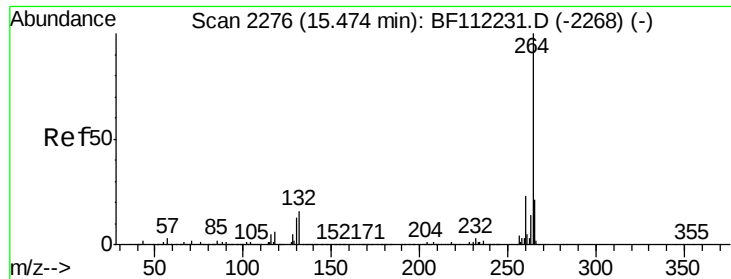


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF112270.D
 Acq: 28 Jan 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB116645BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.9	17.0	25.4

